Natural Language Processing

(a) There are several different types of ambiguity in natural language. For each of the following cases, briefly describe how ambiguity may arise, illustrating your answer with examples:

(i) morphological ambiguity;

(ii) lexical ambiguity;

(iii) syntactic ambiguity;

(iv) ambiguity in rhetorical relations (discourse relations).

[12 marks total]

(b) Explain what is meant by “packing” in parsing and discuss its relevance to the treatment of ambiguity. [8 marks]